

SECTION 3.0

SUPPORT ENVIRONMENTS (Annotated Outline)

This section contains the formal documentation of the operational analysis. Each of these paragraphs shall describe the specific environment in which the system shall exist and highlight those unusual circumstances which would call for changes in design or procedures other than that considered to be "normal". For example, if instead of the FAA Logistics Center being used as the depot for parts, a new secure, "classified" facility is required, this would constitute an unusual circumstance.

Inputs: Virtually all of the documentation which would be required to develop a comprehensive support environment description does not exist in any complete or well defined manner. Extensive data collection and verification of any known requirements, interfaces, and system support materials will either have to be generated from various data sources or be developed as new data to develop this section. Newly defined user requirements, needs and preferences for the applications and utilization of a UHF data link will need to be validated and incorporated into this section (these data will also be incorporated into Operational Modes and User Definition sections of the operational concept document.) The Mission Need Analysis (MNA) and an operational analysis of the system provides some of the material required for this section. Thus, documents 1, 9, 18, 25, and 29 should be used to the extent possible to write this section.

3.1 Cultural Environment: This paragraph shall state the cultural environment in which this system will operate. For example, although the mission of a particular system may be one of supporting in national emergencies, if it is also used during regional emergencies (and therefore additional procedures or organizational interfaces are required for this secondary use), this would constitute a cultural environment issue which should be documented here. Use the MNA as the primary input to this section and also provide forecasts of user demand on the system. Special missions (e.g., war-time) should also be identified in this section.

3.2 Support Facilities: This paragraph shall state the support facilities for this system. Use the support facilities for the present system to produce this section. No material exists for the proposed system in the available documentation.

3.3 Support Environment: This paragraph shall state the support environment in which this system will operate. Use the present

system support environment to produce this section. No material exists for the proposed system in the available documentation.

3.4 Physical Access: This paragraph shall deal with the physical access to this system as it relates to the support environment due to security issues as well as other concerns. Use the present system to prepare this section. Also include electronic access to the system (e.g., false control commands) in this section. No material exists for the proposed system in the available documentation.